

PHOTOGRAPHIC INTERPRETATION REPORT

## ICBM COMPLEX, PERM, USSR

NPIC/R-226/64

April 1964

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

**Declassification Review by NIMA / DoD**

NPIC/R-226/64

25X1A

Launch Site A (TDI Site 1)	57-41N 56-13E	BE No
Launch Site B (TDI Site 2)	57-43N 55-55E	BE No
Launch Site C (TDI Site 3)	57-37N 56-07E	BE No
Launch Site D (TDI Site 6)	57-45N 56-00E	BE No
Launch Site E (TDI Site 5)	57-41N 55-48E	BE No
Launch Site F (TDI Site 4)	57-41N 56-04E	BE No

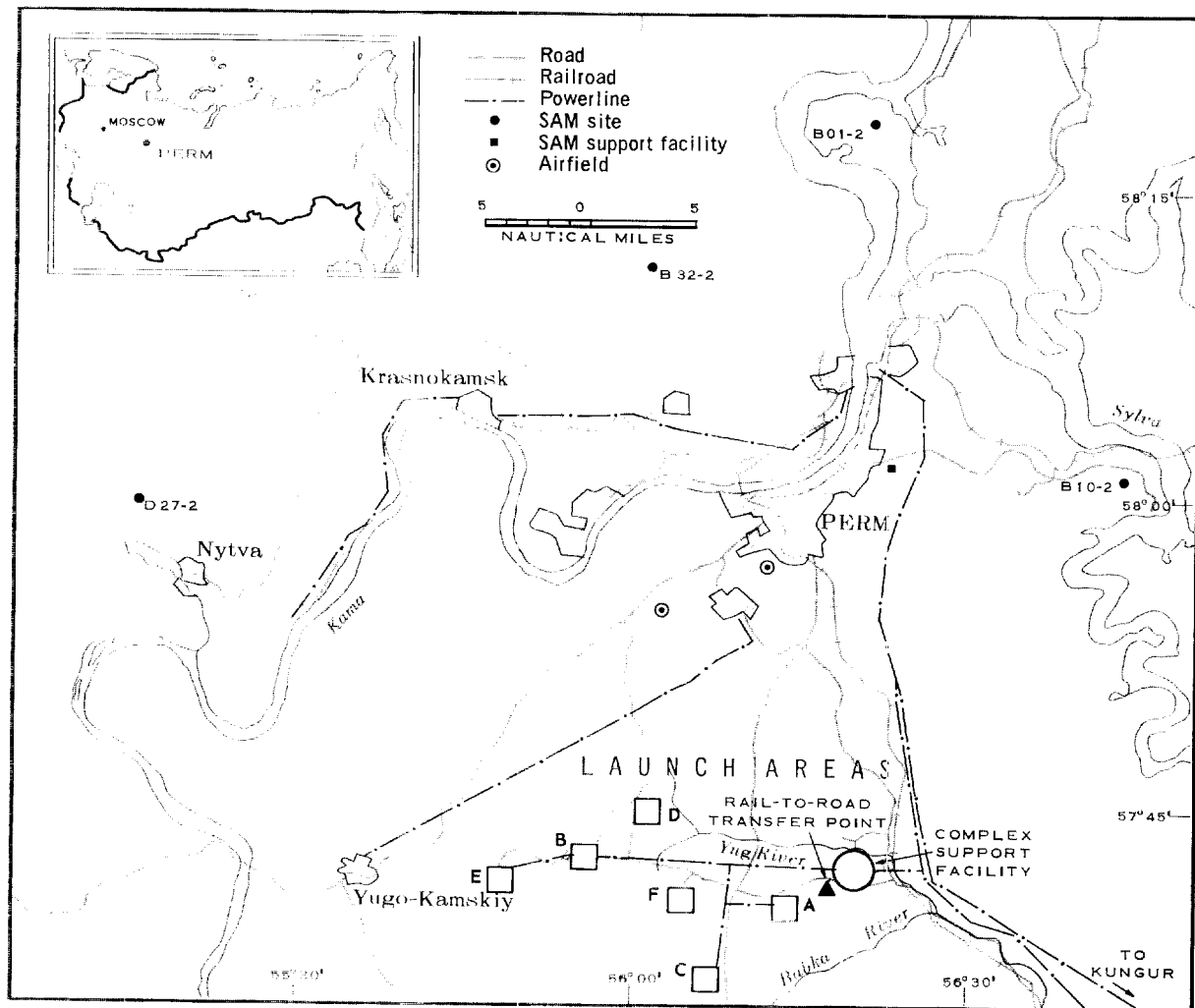


FIGURE 1. LOCATION OF LAUNCH COMPLEX.

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## ICBM COMPLEX, PERM, USSR

### INTRODUCTION

The Perm ICBM Complex is situated 18.5 nm south of Perm and 25 nm northwest of Kungur. It is in a generally wooded area, having an elevation range of 700-1,235 feet. The complex consists of a complex support facility, a rail-to-road transfer point, and 6 launch areas: 3 Type IIB, 2 Type IID, and one Type IIIA. The five Type II launch sites are oriented on an azimuth of 315 degrees plus or minus 5 degrees and the Type III site on an azimuth of 10 degrees plus or minus 5 degrees.

Earth scarring for construction of the complex support facility and the transfer point was observed as early as [REDACTED]

[REDACTED] The complex cannot be negated. Subsequent missions revealed one launch area in [REDACTED]

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25X1D  
25X1D  
25X1D

Four SA-2 SAM sites have been identified around the complex:

Perm SAM Site B01-2, BE No [REDACTED]  
Perm SAM Site B10-2, BE No [REDACTED]  
Perm SAM Site B32-2, BE No [REDACTED]  
Perm SAM Site D27-2, BE No [REDACTED]

25X1A

### COMPLEX SUPPORT FACILITY

The complex support facility (57-42N 56-19E) is 18.6 nm south of Perm, at the eastern end of the complex. It is rail served by a spur from the Perm-Kungur rail line and road served from the Perm-Kungur highway. It consists of a railhead and storage area, two administration and housing areas, and a probable motor pool (Figures 2, 3, and 4).

The railhead and storage area, approximately 5,000 by 2,500 feet, is served by four spurs branching from the main spur off the Perm-Kungur rail line. The spurs range from about 2,225 feet to 3,250 feet in length and from about 105 feet to 545 feet in separation. The main spur, which extends beyond the complex support facility, is approximately 4 nm long. The

railhead and storage area is heavily scarred and contains 23 buildings of various sizes and 2 batch plants. One administration and housing area, adjacent to the northern side of the railhead and storage area, contains approximately 65 buildings of various sizes, including 35 barracks type. A road extends 1.9 nm due north from the railhead and storage area, through the administration and housing area to the second administration and housing area, which contains at least 223 buildings, including about 61 barracks type and 4 U-shaped.

Between the two administration and housing areas are the probable motor pool area, which contains at least 16 buildings of various sizes; a power trace; and the Yug River.

### RAIL-TO-ROAD TRANSFER POINT

The rail-to-road transfer point (57-42N 56-17E) is approximately 3,000 feet southwest of the railhead and storage area, near the

terminus of the spur that extends west from the complex support facility (Figure 5). There was unidentifiable ground scarring in the gen-

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25X1D eral area in [REDACTED]  
but the transfer point was not identified until  
25X1D [REDACTED] The transfer point  
contains a loop road encompassing an area,  
950 by 350 feet, which is connected to the

complex main road by wide-radius turns. Eleven  
buildings of various sizes are within the transfer  
point, which is enclosed by a security fence  
that encompasses an area about 1,870 by 1,300  
feet. A power trace approaches the transfer

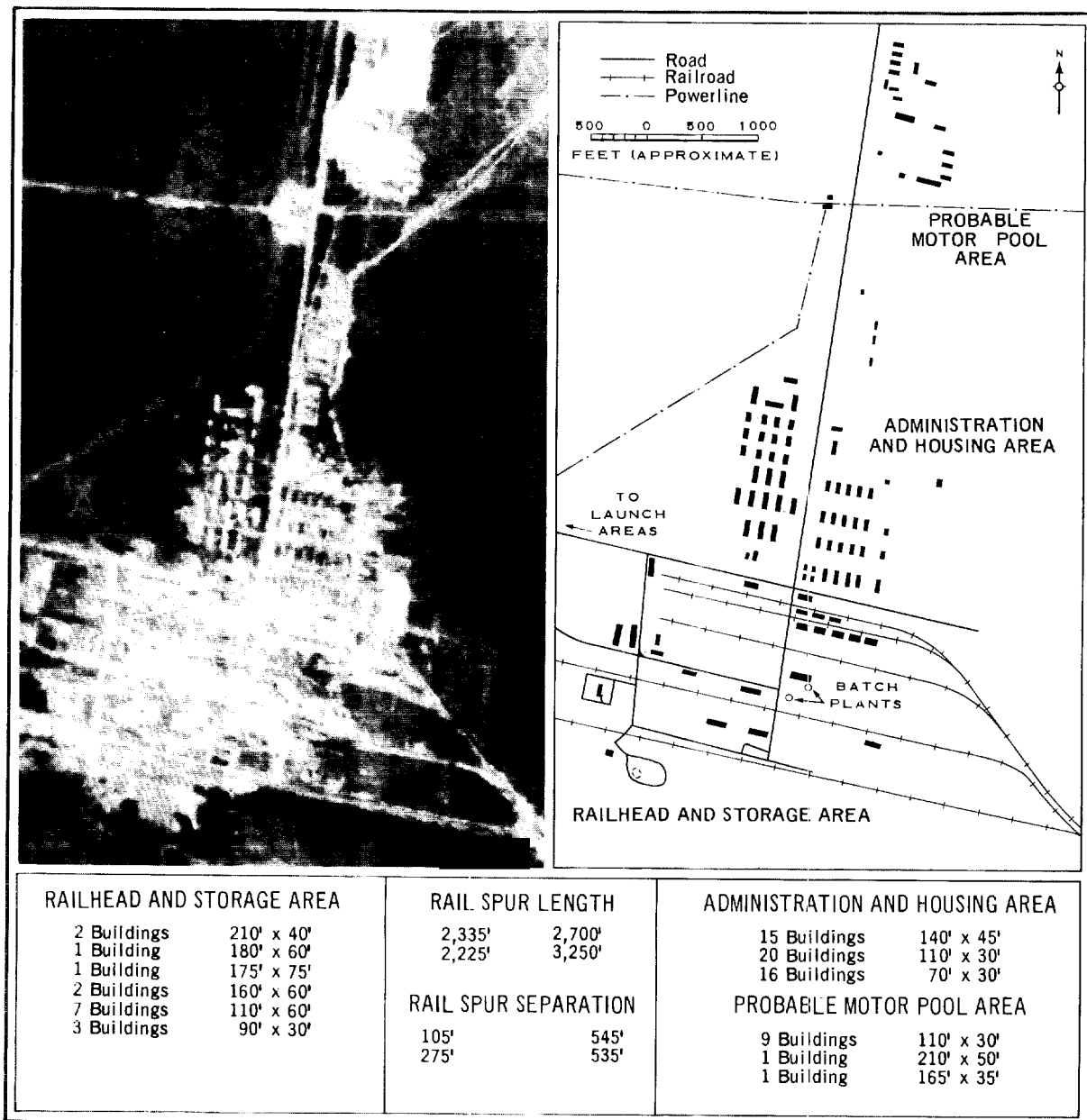


FIGURE 2. COMPLEX SUPPORT FACILITY (MAJOR PORTION).

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FIGURE 3. SECOND ADMINISTRATION AND HOUSING AREA.

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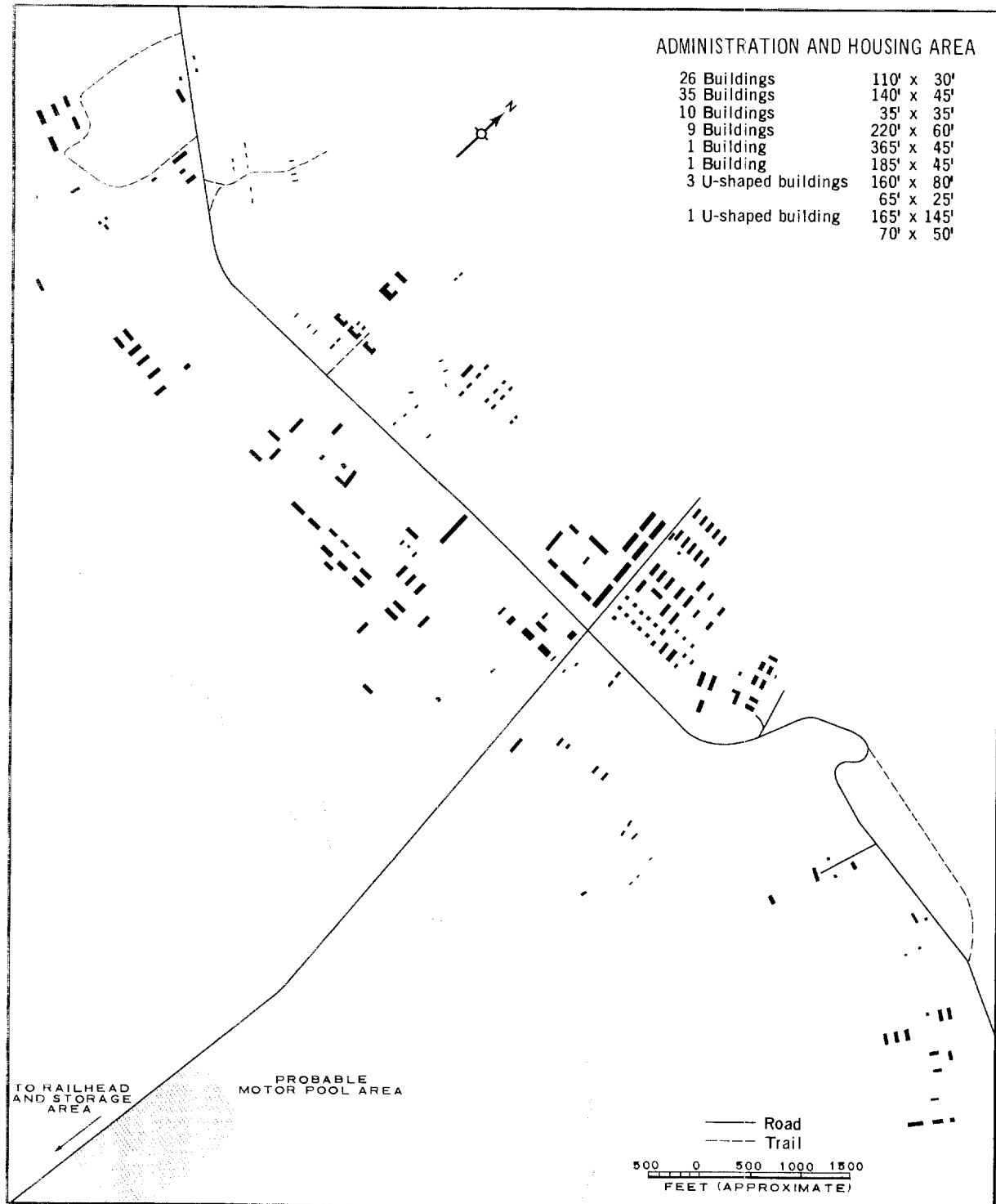


FIGURE 4. LAYOUT OF SECOND ADMINISTRATION AND HOUSING AREA.

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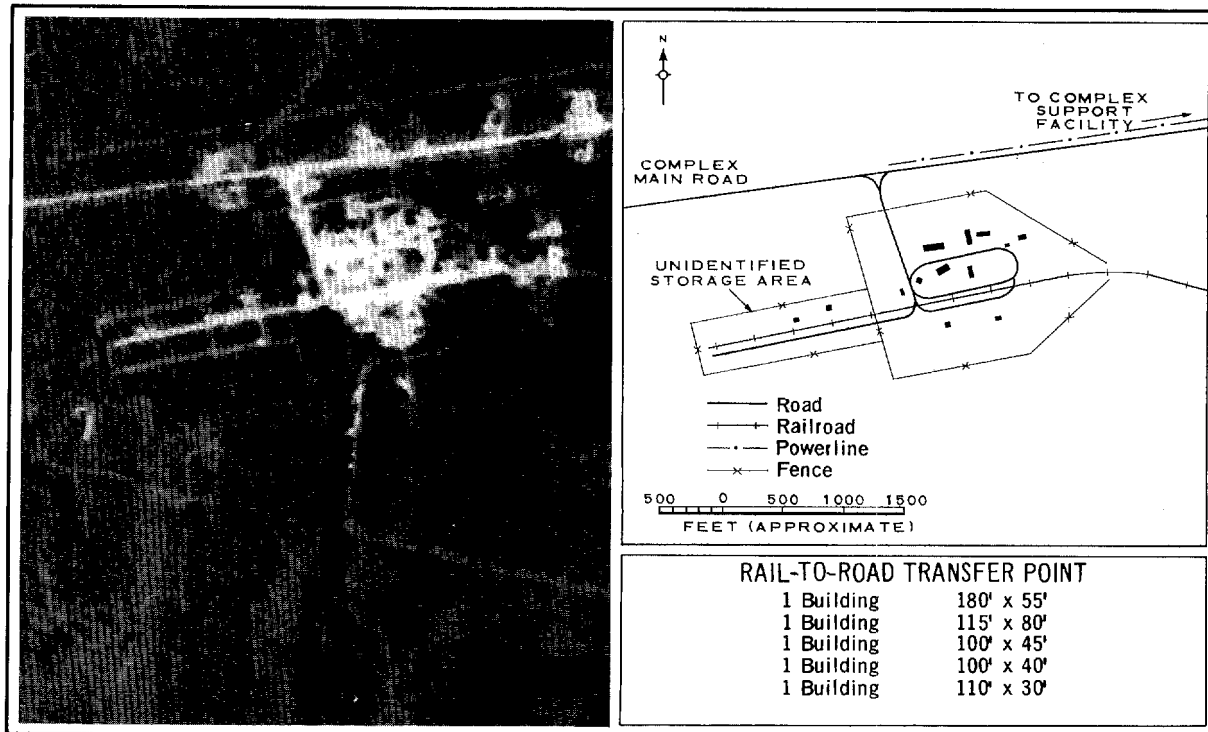


FIGURE 5. RAIL-TO-ROAD TRANSFER POINT.

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point from near the complex support facility. An unidentified fenced storage area, 1,430 by 395 feet, is just west of the transfer point

at the terminus of the rail spur. It contains two small buildings along the rail spur.

#### LAUNCH AREA A

Launch Area A consists of a completed Type IIB launch site and a site support facility (Figure 6). It is 3.4 nm west-southwest of the complex support facility. Although earth scarring was apparent in this area in [REDACTED] the launch area was not identified until [REDACTED] Its negation date could not be determined.

The launch site was considered complete in [REDACTED] It is in a wooded area that was cleared for the site. Portions of a security fence are visible around the site.

Eleven buildings are within the launch site. An earth-mounded missile-ready building is 800 feet behind the left pad. It is canted inward about 45 degrees. Two center buildings, one of which is bunkered, are between the pads.

The site support facility is 1,400 feet southeast of the launch site. It has one administration and housing section containing two groups of

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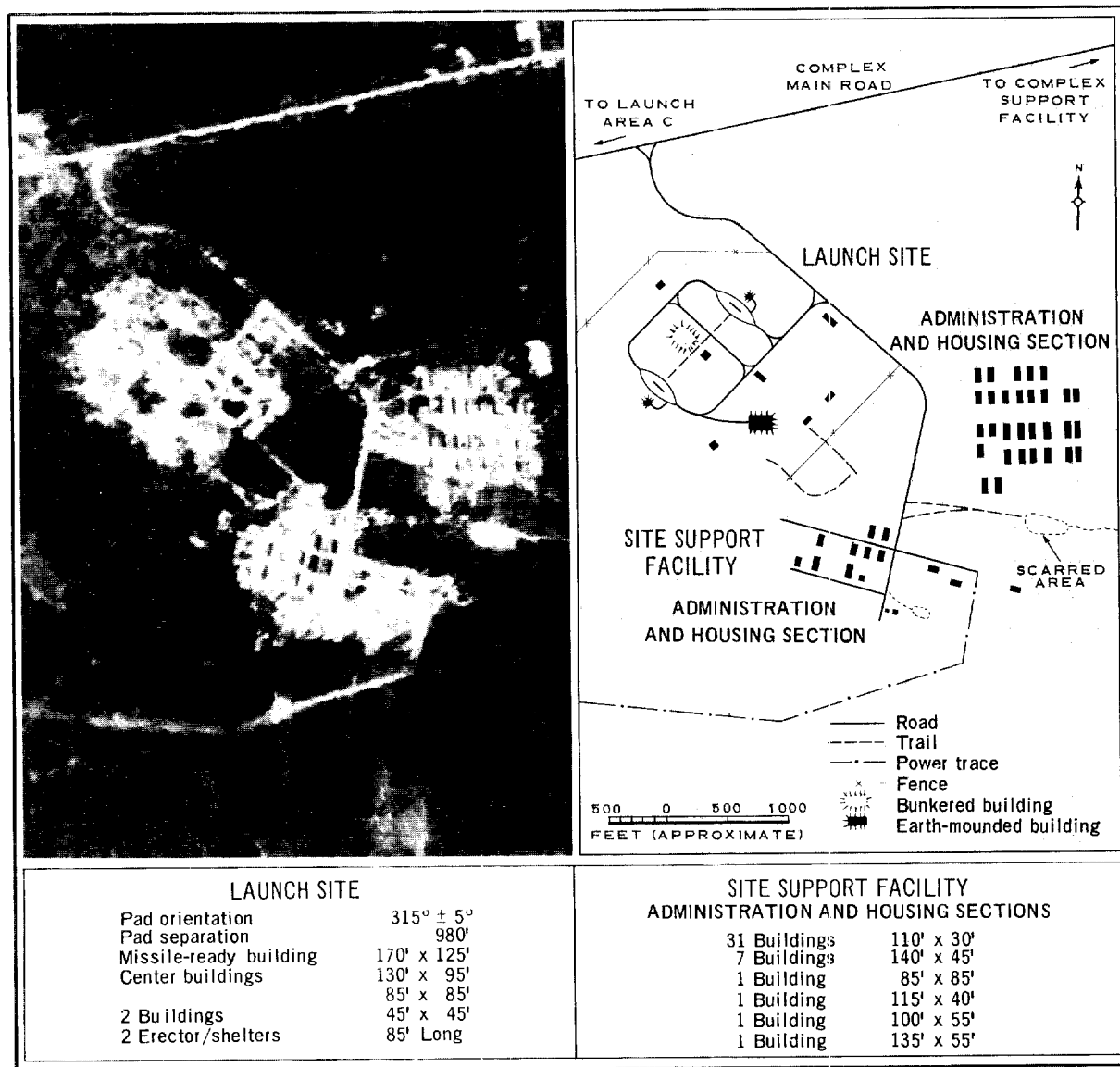


FIGURE 6. LAUNCH AREA A.

buildings. Thirty barracks-type buildings are in one group; the other contains 8 barracks-

type and 7 smaller buildings. A power trace enters the facility from the west.

#### LAUNCH AREA B

Launch Area B consists of a completed Type IIB launch site and a site support facility

(Figure 7). It is 13.8 nm west of the complex support facility. The launch area was first



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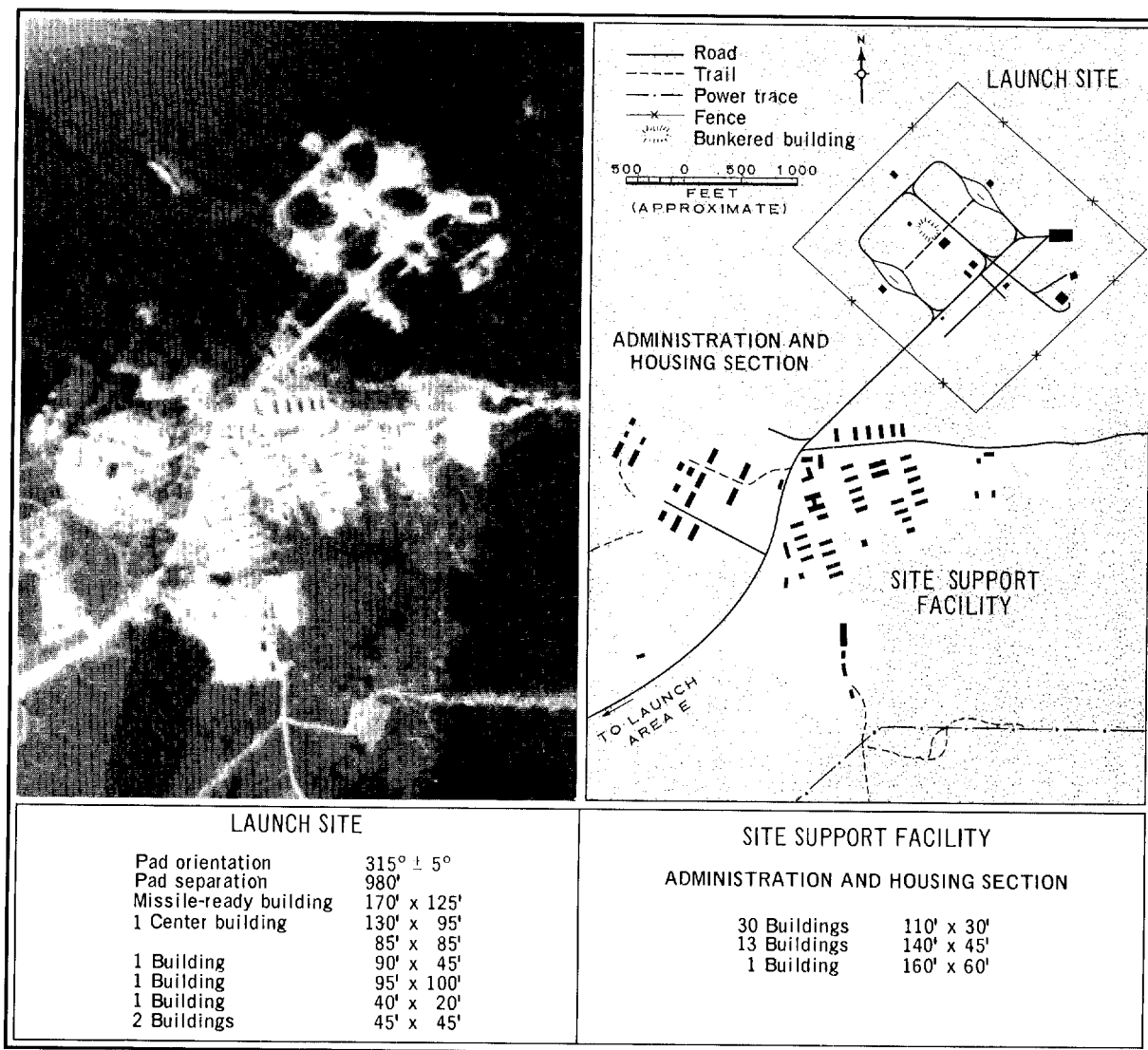


FIGURE 7. LAUNCH AREA B.

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25X1D

25X1D

The launch site was considered complete in [REDACTED]. It is situated in a wooded area. Thirteen buildings are within the security-fenced site, which covers an area approximately 1,975 by 1,900 feet. One missile-ready building is 650 feet behind the right pad and canted outward about 45 degrees. Two

large and two smaller center buildings, one of them bunkered, are between the pads. On each

The site support facility is 1,400 feet southwest of the launch site. It has one administration and housing section containing 65 buildings. This number includes 43 barracks-type, one

25X9

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L-shaped, and one H-shaped buildings. A power trace approaches the southern extremities of the

facility from the direction of Launch Area D and proceeds toward Launch Area E.

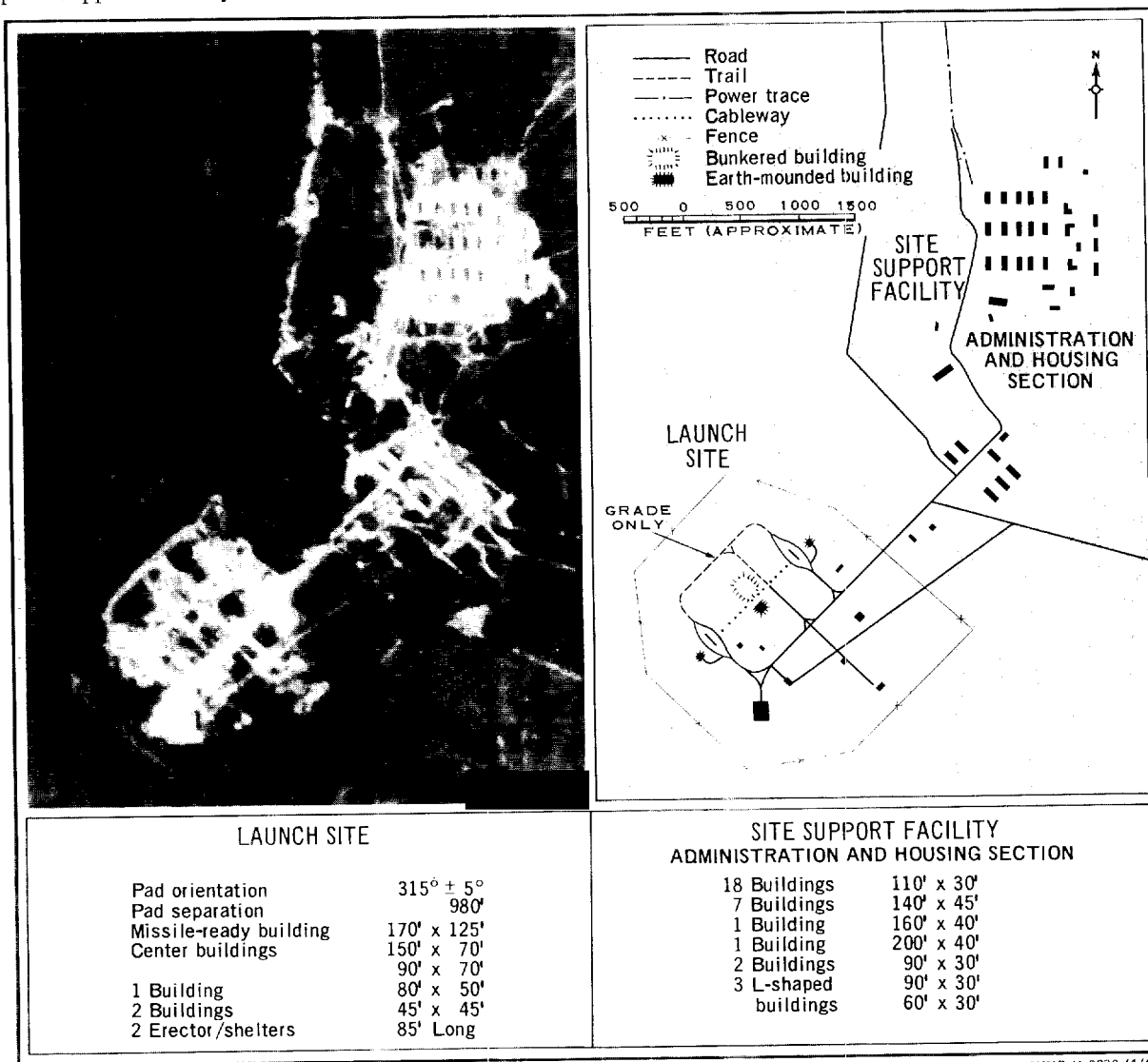
### LAUNCH AREA C

Launch Area C consists of a completed Type IIB launch site and a site support facility (Figure 8). It is 8.2 nm southwest of the complex support facility. Construction for the launch

area started as early as [REDACTED]

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25X1D



25X1D

FIGURE 8. LAUNCH AREA C.

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25X1D The launch site was considered complete in [REDACTED] It is in a cleared portion of a wooded area. Twelve buildings are within the security-fenced site, which covers an area approximately 2,200 by 2,100 feet. A missile-ready building is 650 feet behind the left pad and canted outward about 45 degrees. One earth-mounded and one bunkered building are centered between the pads. 25X9 [REDACTED]

25X9

Although earth scarring for the loop road

forward of the site has been apparent since [REDACTED] the road has not been completed. Two small buildings are outside the fenced site, adjacent to the access road.

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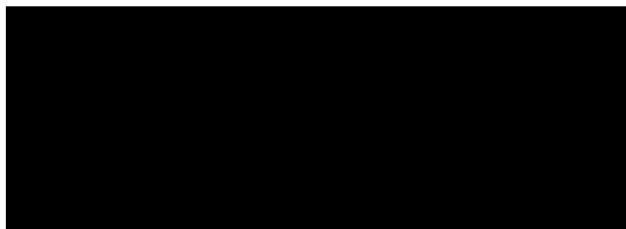
The site support facility is 1,400 feet northeast of the launch site. It has one administration and housing section containing two groups of buildings. The first group has 7 buildings, of which 6 are barracks type. The other group contains 32 buildings, including 19 barracks type and 3 L-shaped. A power trace enters the facility from the north.

#### LAUNCH AREA D

25X1D Launch Area D consists of a Type IID launch site and a site support facility (Figure 9). It is 10.6 nm west-northwest of the complex support facility in a large clearing. The launch area was first seen in [REDACTED]

25X1D

25X1D The launch site was in a late stage of construction in [REDACTED] A double security fence, encompassing an area approximately 2,200 by 2,000 feet, encloses the site. Eleven buildings are within the site, including one missile-ready building 700 feet behind the right pad and canted outward about 45 degrees. Four canted buildings and three center buildings (two of them earth mounded) are apparent between the pads. A small unidentified object is visible on each pad. The



25X9

The site support facility is divided into two administration and housing sections. One section, approximately 1,170 feet southeast of the launch site, contains 6 buildings, including 4 barracks type and one T-shaped. The other section is 4,200 feet south of the launch site. It contains 24 buildings, including 16 barracks type and 2 L-shaped; 8 unidentified structures; and a batch plant. An unidentified oval-shaped clearing 1,000 feet long is adjacent to this section. A power trace is approximately 4,000 feet to the south.

#### LAUNCH AREA E

Launch Area E consists of a Type IID launch site and a site support facility (Figure 10). It is 16.6 nm west of the complex support facility in a heavily wooded area that was cleared for the site. The launch area

was first seen in [REDACTED]  
was not evident in [REDACTED]

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In [REDACTED] the site was in a midstage of construction. Only a portion of a security fence is visible around

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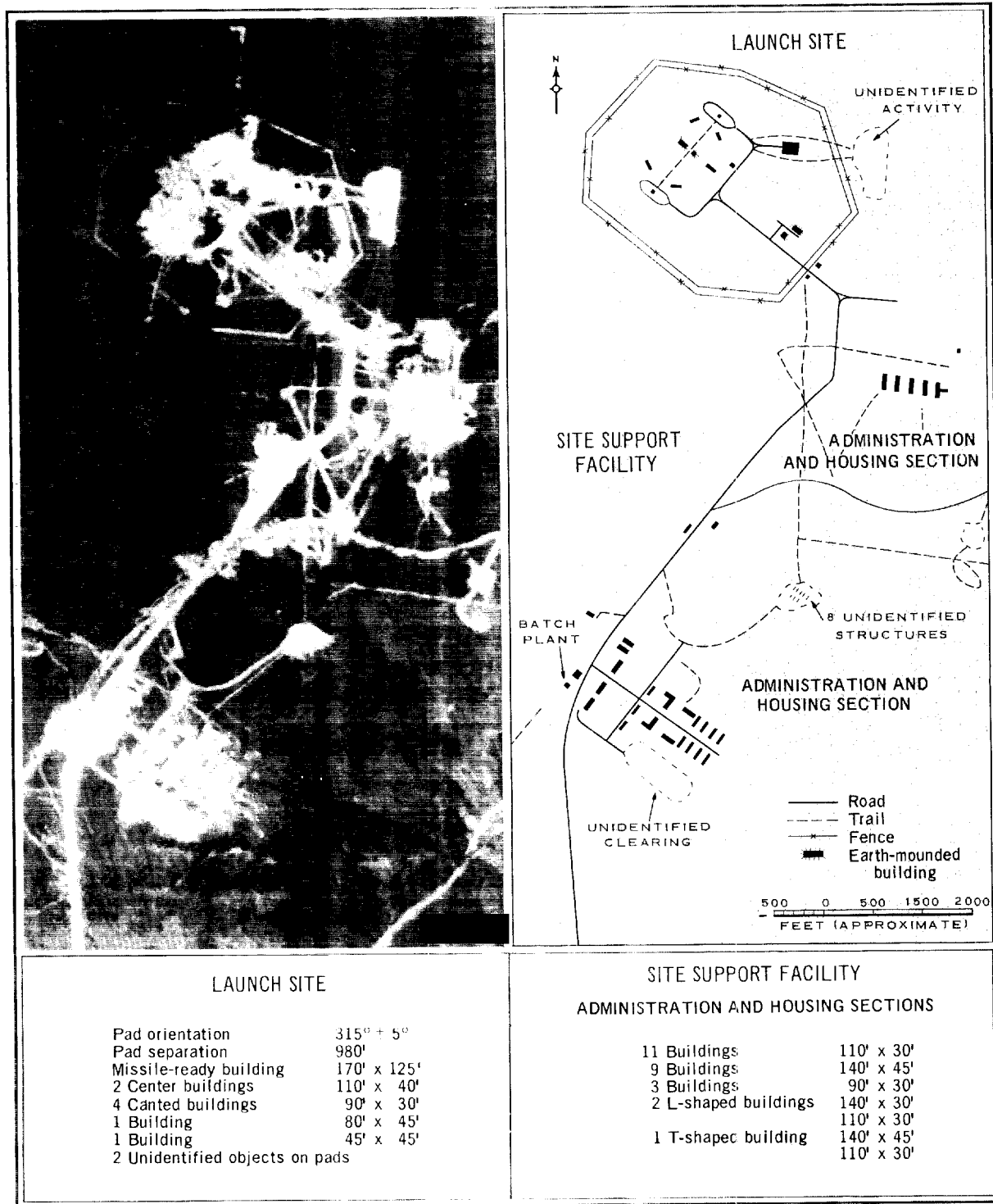


FIGURE 9. LAUNCH AREA D.

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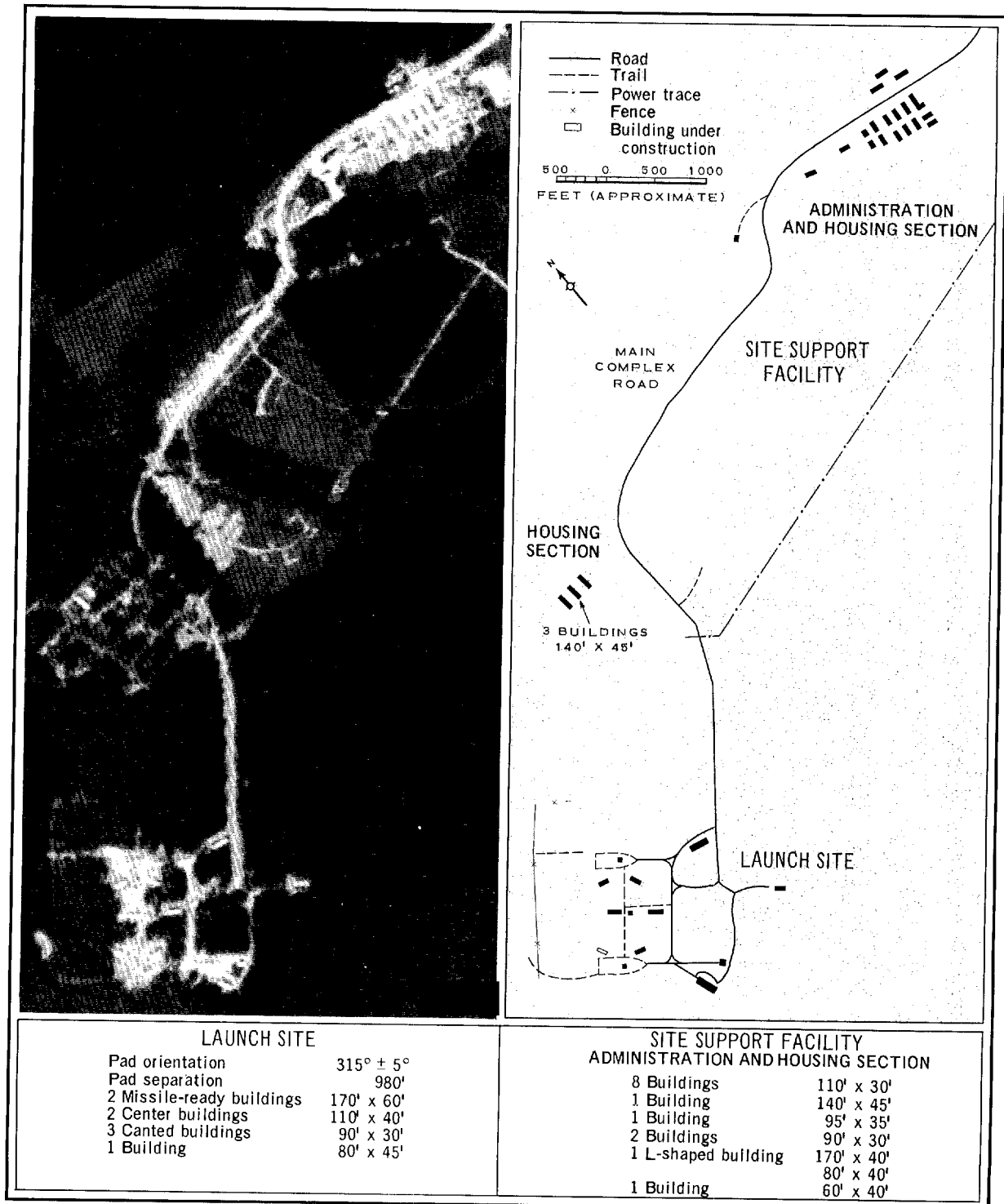


FIGURE 10. LAUNCH AREA E.

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the launch site, which contains 11 buildings. A missile-ready building is 700 feet behind each pad area. They are both canted outward about 45 degrees. Four canted buildings, one of which appears under construction, and three center buildings are between the pad areas. Only earth scarring is apparent where the launch pads will be constructed. Two small unidentified square images appear near the center of the pad areas. They are apparently flush with the surface of the ground.

site in a small plus-shaped clearing. Only one building is present.

The site support facility contains an administration and housing section and a housing section. The administration and housing section is 7,000 feet east-northeast of the launch site. It contains 19 buildings, including 9 barracks type and one L-shaped. The housing section is 2,800 feet northeast of the launch site and contains three buildings, all barracks type. A power trace approaches the launch area from the vicinity of Launch Area B.

#### LAUNCH AREA F

Launch Area F consists of a Type IIIA launch site and a site support facility (Fig-

ure 11). It is 8.0 nm west-southwest of the complex support facility in a wooded area

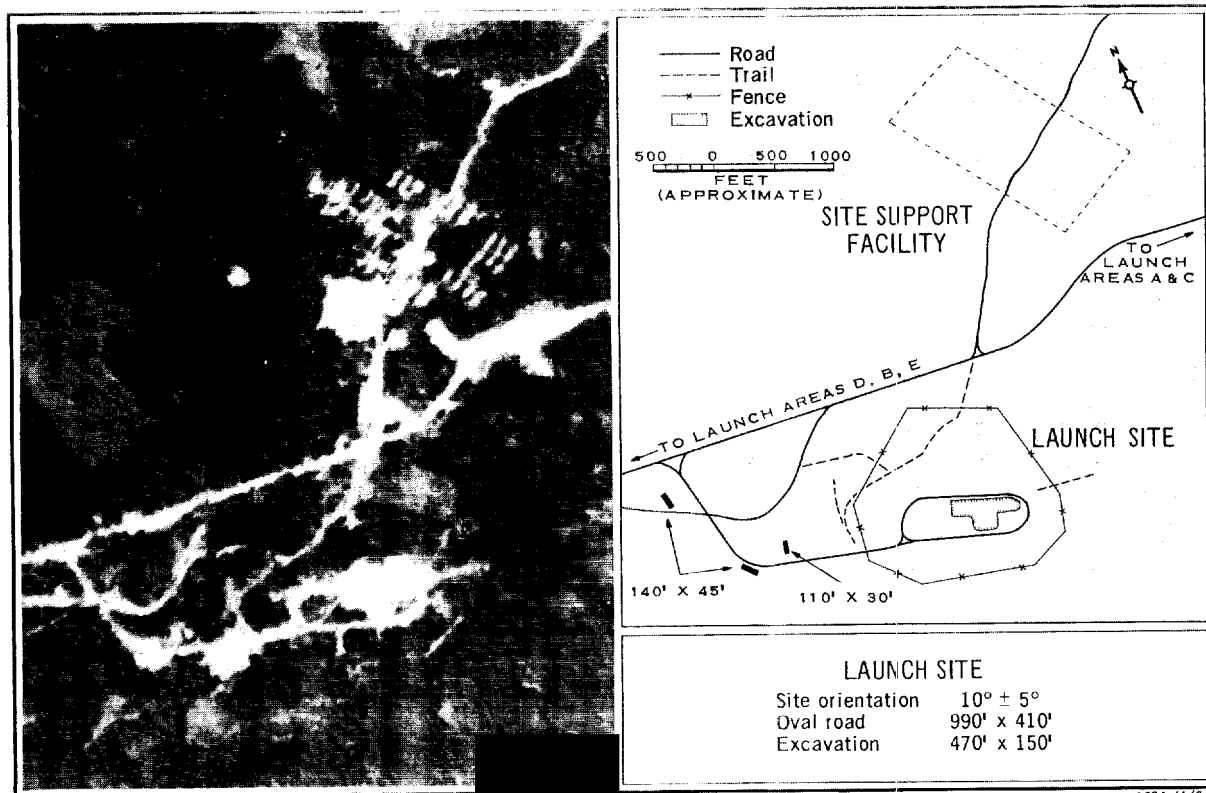


FIGURE 11. LAUNCH AREA F.

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25X1D

that was cleared for the site. The launch area was first seen in [REDACTED]

notch for the control bunker may be present, although photo quality does not permit a definite confirmation. Three buildings are outside the security fence, along the access road.

25X1D

25X1D

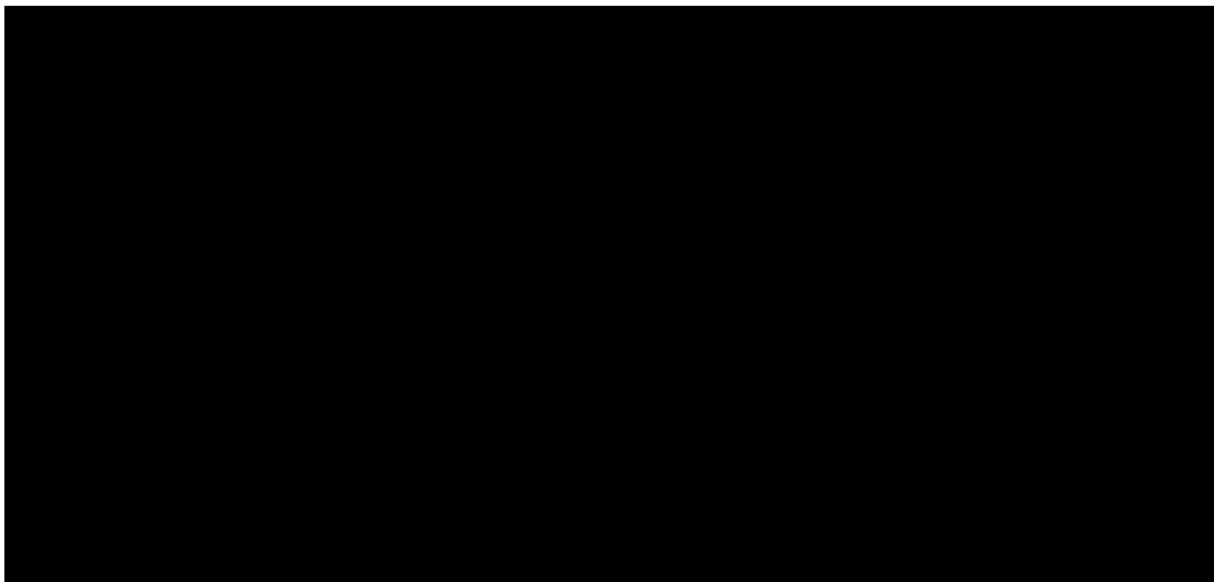
In [REDACTED] the site was in an early stage of construction. It is secured by a fence encompassing an area approximately 1,400 by 1,200 feet. Excavation work is apparent. Two of the silos and the

The site support facility is 2,800 feet north-east of the launch site. The heavy woods prevent determination of the number of buildings in the small clearings.

#### REFERENCES

#### PHOTOGRAPHY

25X1D



#### MAPS OR CHARTS

SAC. US Air Target Chart, Series 200, Sheet 0156-11HL, 1st ed, Jun 63, scale 1:200,000 (SECRET)

ACIC. ONC D4, 2d ed, Aug 58, scale 1:1,000,000 (CONFIDENTIAL)

#### REQUIREMENT

NPIC. PC-806/63 (partial answer)

#### NPIC PROJECT

J-368/63 (partial answer)

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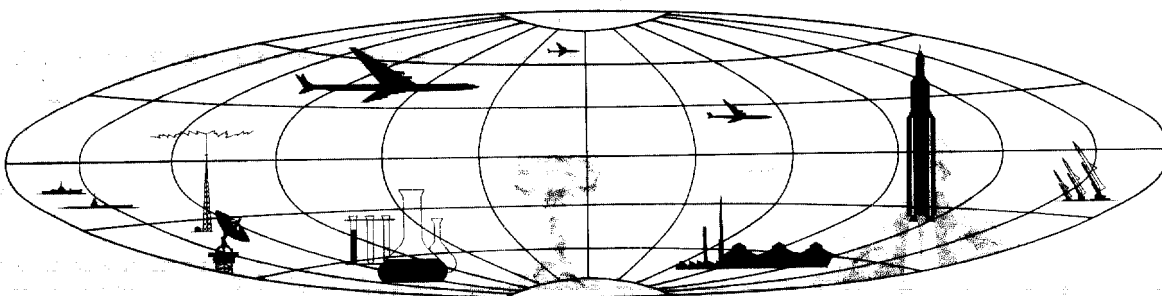
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